

**DEPARTMENT OF IMAGING & INTERVENTIONAL RADIOLOGY, THE SIGNATURE HOSPITAL**

NAME: CHIRAG AGGARWAL	DATE: 28/08/2021
AGE: 36Y/M	MR NO.: 14952

**USG WHOLE ABDOMEN**

**LIVER:** is enlarged in size and raised in echotexture. No evidence of any focal lesion or IHBR dilation is present. Portal vein and CBD are normal in caliber at porta.

**GALL BLADDER** is well distended and lumen is echofree. Wall thickness is normal. No pericholecystic fluid is seen.

**SPLEEN** is normal in size and echotexture. No focal lesion is seen.

**PANCREAS** is normal in size and echotexture. Peripancreatic fat planes are clear. MPD is not dilated.

**RIGHT KIDNEY:** is normal in size and position and outline. Corticomedullary differentiation is maintained. There is no evidence of any focal lesion / calculus / backpressure changes.

**LEFT KIDNEY:** is normal in size and position and outline. Corticomedullary differentiation is maintained. There is no evidence of any focal lesion / calculus / backpressure changes.

**URINARY BLADDER** is well distended and lumen is echofree. Wall thickness is normal. No evidence of any focal lesion.

**PROSTATE:** is normal in size.

No free fluid is noted.

**IMPRESSION:**

- Hepatomegaly with grade III fatty liver.

*Please correlate clinically.*



**Dr. Guruvarun Atla**  
Senior Consultant  
Diagnostic & Interventional Radiology

(This is only professional opinion and not the diagnosis. Please correlate clinically)

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**PARK GROUP OF HOSPITAL** : ★ West Delhi ★ South Delhi ★ Gurugram ★ Faridabad ★ Panipat ★ Karnal

PATIENT NAME	: Mr CHIRAG AGGARWAL	MR NO	: 14952
BILL NO	: 21134858	BILL DATE/TIME	: 28/08/2021 9.56 AM
AGE/SEX	: 36 YEARS / MALE	SAMPLE DATE/TIME	: 28/08/2021 10.45 AM
TYPE	: OPD	REPORTING DATE/TIME	: 28/08/2021 11.12 AM
DOCTOR NAME	: Dr. CMO	APPROVED DATE/TIME	:
		PRINT DATE/TIME	: 28/08/2021 11.12 AM
		MOBILE NO	: 9910304805

**DEPARTMENT OF X-RAY**

**X-RAY CHEST.**

Lung fields are clear.

Bilateral hilar shadows are normal.

Mediastinum and domes are normal.

Costophrenic angles appear sharp.

Cardiac silhouette appears normal.

No obvious rib fracture seen.

*Adv: Clinical and lab data correlation.*

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**HAEMATOLOGY**

**Complete Blood Count -CBC(HB\TLC\PCV\RBC\Platelet)**

TEST NAME	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
Hemoglobin (Hb)	14.1	gm/dl	13.5 - 18.0
TLC	16750	cell/cumm	4500 - 11000
<b>DIFFERENTIAL COUNT</b>			
Neutrophils	70	%	40 - 75
Lymphocytes	20	%	20 - 45
Monocytes	07	%	1 - 10
Eosinophil	03	%	1 - 6
Basophil	00	%	0 - 1
RBC	4.6	millions/cumm	3.5 - 5.5
PCV	45.2	%	40 - 50
MCV	97.6	fl	76 - 96
MCH	30.7	pg	27 - 34
MCHC	31.5	gm/dl	30 - 36
RDW	15.0	%	11 - 16
PLATELETE COUNT	367	1000/microLit	150 - 450

**Method:** Method : Aperture Sensor System & Focussed flow impedance.

-\*\*\*\* End of Report \*\*\*\*-

Please Correlate With Clinical Findings If Necessary Discuss  
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\*\*\* Some of the test is performed in PARK HOSPITAL GROUP SUPER SPECIALITY HOSPITAL

Lab Technician

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**BIOCHEMISTRY**

**Blood Sugar Fasting**

<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>BIOLOGICAL REFERENCE INTERVAL</b>
<b>BLOOD SUGAR FASTING</b>	101	mg/dl	75 - 115

**\*\*\*\* End of Report \*\*\*\***

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**BIOCHEMISTRY**

**Lipid Profile**

TEST NAME	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
<b>LIPID PROFILE</b>			
CHOLESTROL	159	mg/dl	00 - 200
TRIGLYCERIDES	193	mg/dl	35 - 170
HDL- CHOL	56	mg/dl	40 - 60
VLDL-CHOL	38.6	mg/dl	10 - 40
LDL-CHOLESTROL	64.4	mg/dl	0 - 130
LDL/HDL RATIO	1.15		0-3
CHOLESTROL/HDL RATIO	2.84		

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**BIOCHEMISTRY**

**Renal Profile**

TEST NAME	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
<b>BLOOD UREA</b>	15	mg/dl	13 - 45
<b>SERUM CREATININE</b>	1.0	mg/dl	0.6 - 1.4
<b>URIC ACID</b>	7.5	mg/dl	3.6 - 7.2
<b><u>ELECTROLYTES</u></b>			
<b>SODIUM</b>	147	mmol/L	132 - 150
<b>POTASSIUM</b>	5.0	mmol/L	3.5 - 5.5
<b><u>PROTEINS</u></b>			
<b>TOTAL PROTEIN</b>	6.7	g/dl	6.0 - 8.3
<b>ALBUMIN</b>	3.7	g/dl	3.2 - 5.0
<b>GLOBULIN</b>	3	gm/dl	1.5 - 3.6
<b>A/G RATIO</b>	1.23		0.9 - 2.0

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**BIOCHEMISTRY**

**Liver Function Test Profile**

TEST NAME	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
<b><u>BILIRUBIN</u></b>			
BILIRUBIN TOTAL	0.7	mg/dl	0.1 - 1.2
BILIRUBIN DIRECT	0.2	mg/dl	00 - 0.3
BILIRUBIN INDIRECT	0.5	md/dl	0 - 0.9
SGOT/AST	29	U/I	0 - 45
SGPT/ALT	30	U/l	0 - 45
ALKALINE PHOSPHATASE (ALP)	157	U/l	41 - 137
<b><u>PROTEINS</u></b>			
TOTAL PROTEIN	6.7	g/dl	6.0 - 8.3
ALBUMIN	3.7	g/dl	3.2 - 5.0
GLOBULIN	3	gm/dl	1.5 - 3.6
A/G RATIO	1.23		0.9 - 2.0

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**HAEMATOLOGY**

**Blood Group And Rh Factor**

<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>BIOLOGICAL REFERENCE INTERVAL</b>
<b>BLOOD GROUP(ABORh)</b>	<b>"O" POSITIVE</b>		

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**Patient Name:** Mr. CHIRAG AGGARWAL  
**Age / Gender :** 36 Years 0 Months 0Days / Male  
**Referred By :** Dr. CMO  
**Req.No :** 2134610  
**Patient Type :** OPD

**UHID :** 14952  
**IPNO :**  
**Registered :** 28/08/2021/ 9.56 AM  
**Reported on :** 28/08/2021/ 3.50 PM



**BIOCHEMISTRY**

**Blood Sugar 2 Hr. Pp**

<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>BIOLOGICAL REFERENCE INTERVAL</b>
<b>BLOOD SUGAR POST PRANDIAL(BSPP)</b>	<b>176</b>	mg/dl	90 - 140

**-\*\*\*\* End of Report \*\*\*\*-**

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**SEROLOGY/IMMUNOLOGY**

**Thyroid Profile**

TEST NAME	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
Triiodothyronine (T3)	1.19	ng/ml	0.60 - 1.81
Thyroxine (T4)	8.1	ug/dL	5.01 - 12.45
TSH ( Thyroid Stimulating Hormone )	2.55	uIU/ml	0.55 - 5.55

Remarks :

(1) 4.2 to 15 IU/mL - Correlate clinically as physiological and other factors may falsely elevate TSH level. (2) TSH Values may be transiently altered because of non thyroidal illness. (3) Some drugs may decrease TSH values, e.g., L-dopa, Glucocorticoids. (4) Some drugs may increase TSH values, e.g., Iodine, Lithium, Amiodarone. Abbreviations.

-\*\*\*\* End of Report \*\*\*\*-

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**TRANSTHORACIC ECHO- DOPPLER REPORT**

NAME - Mr. CHIRAG AGGARWAL	AGE/ SEX - 36Y/M
MR. NO. - 14952	DATE - 28/08/2021
TECHNICIAN - Miss. SIMRAN	CATEGORY - OPD

**M-MODE / 2-D DESCRIPTION**

- ❖ **Left Ventricle:** Concentric LVH present. No regional wall motion abnormality. LVEF ~ 55-60%
- ❖ **Left Atrium:** It is Normal.
- ❖ **Right atrium:** It is Normal Sized.
- ❖ **Right ventricle:** It is Normal Sized. RV Systolic Function is Normal.
- ❖ **Aortic valve:** Aortic Cusps are Normal.
- ❖ **Mitral valve:** It Opens Normally.
- ❖ **Tricuspid valve:** It Appears Normal.
- ❖ **Pulmonic valve:** It Appears Normal.
- ❖ **Main pulmonary artery & its branches:** Appear Normal.
- ❖ **Pericardium:** No Pericardial Effusion Seen
- ❖ **Inter atrial septum:** It is Intact.
- ❖ **Inter ventricular septum:** It is Intact.
- ❖ **IVC:** It is Normal in Size, collapsing & Respiratory Variability.
- ❖ **Clot / Vegetation:** No Intracardiac Clot, Vegetation.

**Measurements (mm):**

LEFT HEART			RIGHT HEART		
	Observed values (mm)	Normal values		Observed values (mm)	Normal values
Aortic root	35	20-36 (22mm/M <sup>2</sup> )	IVC size	-	17-21mm
Aortic valve opening	18	15-26 (mm/M <sup>2</sup> )	IVC respiratory variability	Normal	>50%
LA size	32	19-40 (mm/M <sup>2</sup> )	RA size	-	<18cm <sup>2</sup>
LA volume index (ml/M <sup>2</sup> )		<34 ml/M <sup>2</sup>		-	
LVID(D)	37	(ED=37-56)	RV basal	32	24-42mm
LVID(S)	28		RV mid cavity	-	20-35mm
IVS(D)	13	(ED=6-12)	RV longitudinal	-	56-86mm
			RVOT proximal	-	18-33mm
PW(D)	13	(ED=5-10)	TAPSE	-	>15mm
			RV free wall thickness	-	<5mm
LVEF(%)	55-60%	55%-70%	RVEF	Normal	>44%

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Doppler velocities (cm/sec)

Aortic valve		Pulmonary valve	
Max/ Vel	114	Max velocity	87
Max/ PG	5.3 mmHg	Max PG	3.1mmHg
Mitral valve		Tricuspid valve	
E	55	Max Velocity	205
A	98	PASP	16
DT	-	E/E' (>6)	-
E/A	-	S' Velocity (>10cm2/sec)	-

Regurgitation

MR		TR	
Severity	Nil	Severity	Trivial
AR		PR	
Severity	Nil	Severity	Nil

Final Interpretation:

- No regional wall motion abnormality . LVEF~55-60%
- Concentric LVH present.
- MIP - Grade I.
- Trivial TR.
- No Intracardiac Clot, Vegetation, Pericardial Effusion
- IVC is Normal in size, collapsing and Respiratory Variability.
- Aortic Arch is Normal.

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*madhur*  
 Dr. Madhur Jain  
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 Consultant Interventional Cardiology

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133 CASE:

Y M D

IS

CHIRAN BHARWAJ

SIGNATURE HOSPITAL  
SEC 37D GURUGRAM

28/08/2021 10:20:31

76 bpm SINUS RHYTHM

780 ms

154 ms

80 ms

380 ms

428 ms

IS--

58°

18°

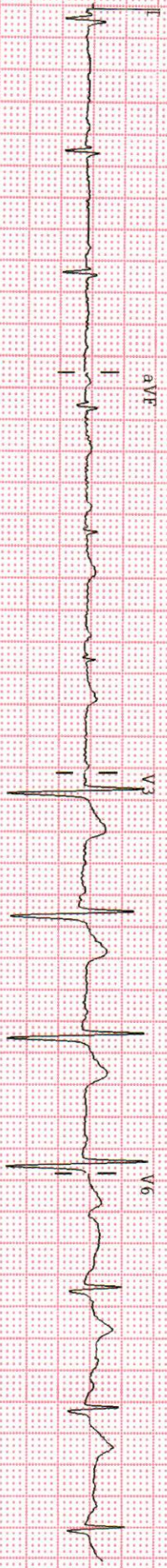
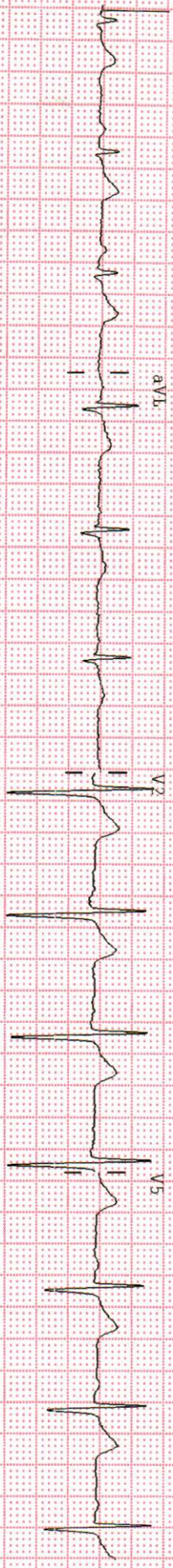
37°

NORMAL ECG

REPORT FORMAT: K+I, I, SQ

REF.

DR. DR. MADHUR JAIN



sec: 10mm/mV Notch: ON HLC: ON 0.05-35Hz ALLENGERS PISCES 10121 VER. 1.8.1) CLINICALLY CORRELATE THE FINDINGS.

Mr. CHIRAG

28/8/21

No Ocular Complaints

Vn { 6/6  
6/6

O/E : A/c well b/e

Adv.

- old Refresh tears

—————  
x 15 days b/e

Adv

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